

IN THE CLAIMS

1. (Currently Amended) A method comprising:

a first system management application, of a set of system management applications for managing a host system including a second system management application, determining if an unprocessed record is present in a system event log by obtaining exclusive use of the system event log (SEL) stored in a non-volatile memory location of the host system, while preventing the second system management application from accessing the SEL concurrently;

the first system management application obtaining an a first identifier corresponding to an unprocessed record, the first identifier for the unprocessed record of the SEL being derived from a second identifier stored in an identifier (ID) file in the non-volatile memory of the host system indicating a previously processed record of the SEL, the ID file storing the second identifier being separated from the SEL; and

the first system management application retrieving the unprocessed record from the SEL corresponding to the obtained first identifier;

the first system management application performing a predetermined operation on the host system in response to the retrieved unprocessed record from the SEL; and

the first system management application storing the first identifier in the ID file after the predetermined operation has been performed and determining the next unprocessed record.

2. (Original) The method of claim 1 wherein the system event log is the system event log of an Intelligent Platform Management Interface (IPMI) operating in the host system.

3. (Currently Amended) The method of claim 1 wherein each of records of the SEL is processed only once by one of the set of system management applications 2 wherein the unprocessed record is a record of an IPMI event.

4. (Currently Amended) The method of claim 3, wherein whether a specific record of SEL has been processed is determined based on whether an identifier associated with the specific record has been stored in the ID file, 1 wherein obtaining exclusive use of the system event log includes,

requesting exclusive use of the system event log; and

receiving an acknowledgement that exclusive use is granted.

5. (Currently Amended) The method of claim 4 wherein an identifier associated with the specific record is only stored in the ID file only if the specific record has been processed by a system management application that processed the specific record receiving exclusive use of the system event log includes accessing the Intelligent Platform Management Interface Last Software Process Event ID storage location.

6. (Currently Amended) The method of claim 1 wherein obtaining exclusive use of the event log includes issuing a lock request to a lock agent application running within the host system accessible by the set of system management applications for managing the host system including the first and second management applications.

7. (Currently Amended) The method of claim 1 wherein the previously processed record is processed by the second management application and the second identifier associated with the previously processed record is stored by the second management application after processing the previously processed record, ~~6 wherein the look agent application runs on the host system.~~

8. (Currently Amended) The method of claim 7 wherein the second system management application processes the previously processed record and stores the second identifier in the ID file prior to a reinitialization of the host system, and wherein the first system management application obtains the first identifier after the host system has been reinitialized, the first identifier indicating a next unprocessed record from the SEL, ~~1 wherein the one or more system management applications include in band system management applications.~~

9. (Currently Amended) The method of claim 8 wherein the ID file is maintained persistently and separately from the SEL during the reinitialization of the host system including reboot of the host system, ~~1 wherein the one or more system management applications include out of band system management applications.~~

10. (Currently Amended) The method of claim 1 wherein the one or more system management applications include one of out-of-band system management applications and in-band system management applications.

11. (Original) The method of claim 1 further comprising:
processing the unprocessed record; and

releasing exclusive use of the system event log.

12. (Original) The method of claim 1 further comprising:
determining if there are additional records to process.
13. (Original) The method of claim 1 further comprising:
storing the identifier corresponding to the unprocessed record in non-volatile memory.
14. (Original) The method of claim 1 further comprising:
storing the identifier corresponding to the unprocessed record in the Intelligent
Platform Management Interface Last Software Process Event ID storage
location.
15. (Currently Amended) A machine-readable medium comprising at least one instruction
to synchronize the exclusive use of the system event log, which when executed by a processor,
causes the processor to perform operations comprising:
a first system management application, of a set of system management applications for
managing a host system including a second system management application,
determining if an unprocessed record is present in a system event log by
obtaining exclusive use of the system event log (SEL) stored in a non-volatile
memory of the host system, while preventing the second system management
application from accessing the SEL concurrently;
the first system management application obtaining a first identifier corresponding to an
unprocessed record, the first identifier for the unprocessed record of the SEL

being derived from a second identifier stored in an identifier (ID) file in the non-volatile memory of the host system indicating a previously processed record of the SEL, the ID file storing the second identifier being separated from the SEL;

the first system management application retrieving the unprocessed record from the SEL corresponding to the obtained first identifier;

the first system management application performing a predetermined operation on the host system in response to the retrieved unprocessed record from the SEL; and

the first system management application storing the first identifier in the ID file after the predetermined operation has been performed and determining the next unprocessed record.

~~receiving a request for the exclusive use of a system event log in a host system from one of a set of system management applications;~~

~~granting exclusive use of the system event log to the requesting system management application if no other system management application maintains a lock on the system event log, the requesting system management application to read the system event log as stored in a non-volatile storage location, to determine if unprocessed records are present, to process the unprocessed records, and to indicate that the unprocessed records have been processed; and~~

~~denying use of the system event log to the requesting system management application if another application maintains a lock on the system event log.~~

16. (Original) The machine-readable medium claim 15 wherein the system event log is the system event log of an Intelligent Platform Management Interface (IPMI) operating in the host system.

17. (Currently Amended) The machine-readable medium of claim 15 wherein each of records of the SEL is processed only once by one of the set of system management applications further comprising:
determining if exclusive use of the system event log is locked by another application.

18. (Currently Amended) The machine-readable medium of claim 17, wherein whether a specific record of SEL has been processed is determined based on whether an identifier associated with the specific record has been stored in the ID file 15 wherein the one or more system management applications include in-band system management applications.

19. (Currently Amended) The machine-readable medium of claim 18 wherein an identifier associated with the specific record is only stored in the ID file only if the specific record has been processed by a system management application that processed the specific record 15 wherein the one or more system management applications include out-of-band system management applications.

20. (Currently Amended) The machine-readable medium of claim 15 wherein obtaining exclusive use of the event log includes issuing a lock request to a lock agent application running within the host system accessible by the set of system management applications for managing the host system including the first and second management applications the one or

~~more system management applications include out of band system management applications and in band system management applications.~~

21. (Currently Amended) The machine-readable medium of claim 15 wherein the previously processed record is processed by the second management application and the second identifier associated with the previously processed record is stored by the second management application after processing the previously processed record, further comprising:
~~receiving a request to release the lock on the exclusive use of the system event log in the host system from a system management application; and~~
~~releasing the lock on the exclusive use of the system event log.~~

22. – 24. (Canceled)

25. (Currently Amended) A system comprising:
a processor;
a machine-readable medium comprising a set of instructions, which when executed, perform operations comprising:

a first system management application, of a set of system management applications for managing a host system including a second system management application, determining if an unprocessed record is present in a system event log by obtaining exclusive use of the system event log (SEL) stored in a non-volatile memory of the host system,

while preventing the second system management application from accessing the SEL concurrently;

the first system management application obtaining a first identifier corresponding to an unprocessed record, the first identifier for the unprocessed record of the SEL being derived from a second identifier stored in an identifier (ID) file in the non-volatile memory of the host system indicating a previously processed record of the SEL, the ID file storing the second identifier being separated from the SEL;

the first system management application retrieving the unprocessed record from the SEL corresponding to the obtained first identifier;

the first system management application performing a predetermined operation on the host system in response to the retrieved unprocessed record from the SEL; and

the first system management application storing the first identifier in the ID file after the predetermined operation has been performed and determining the next unprocessed record,

~~— a first system management application, of a set of system management applications for managing the system including a second system management application, determining if an unprocessed record is present in a system event log by obtaining exclusive use of the system event log (SEL) stored in a non-volatile memory location, while preventing the second system management application from accessing the SEL;~~

~~the first system management application obtaining an identifier corresponding to an unprocessed record; and~~

~~the first system management application determining the next unprocessed~~
~~record.~~

26. - 30. (Canceled)